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L1: Entry 1 of 2

File: DWPI

Oct 28, 1993

DERWENT-ACC-NO: 1993-345670

DERWENT-WEEK: 199344

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TITLE: Miniature electronic medical or veterinary thermometer - has circuit board for mounting voltage monitor, battery, display, temp. sensor and acceleration switch supported by plastics moulding together with solar cell and fitted in sealed glass vessel.

INVENTOR: BOEDRICH, K; KUHN, J ; MARQUARDT, U

PATENT-ASSIGNEE:

ASSIGNEE	CODE
GERABERGER THERMOMETERWERK GMBH	GERAN

PRIORITY-DATA:

1992DE-4213034

April 21, 1992

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 4213034 A1	October 28, 1993	N/A	007	G01K013/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-NO
DE 4213034A1	April 21, 1992	1992DE-4213034	N/A

INT-CL (IPC): G01K 1/00; G01K 7/00; G01K 13/00; H02J 7/35; H02N 6/00

ABSTRACTED-PUB-NO: DE 4213034A

BASIC-ABSTRACT:

The thermometer has an electronic measuring circuit (3) with a display (5), an energy store (2), a voltage monitor (4), a temp. sensor (10) and an acceleration switch (6) mounted on a common circuit board (7). The circuit board and a solar cell (1) are supported by a plastics moulding (8) and inserted in a hermetically sealed transparent vessel (9).

Pref. the solar cell lies on the same side of the thermometer as the display, the solar cell lying above the acceleration switch.

USE/ADVANTAGE - Optimum energy utilisation and high

reliability, for measuring temp. of human or animal patient.

CHOSEN-DRAWING: Dwg.2/7

TITLE-TERMS: MINIATURE ELECTRONIC MEDICAL VETERINARY
THERMOMETER CIRCUIT BOARD MOUNT VOLTAGE MONITOR BATTERY DISPLAY
TEMPERATURE SENSE ACCELERATE SWITCH SUPPORT PLASTICS MOULD
SOLAR CELL FIT SEAL GLASS VESSEL

DERWENT-CLASS: S03 S05

EPI-CODES: S03-B01; S03-B01K; S05-D01E;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1993-266932